

# Adapting to Rising Tides

## ART Bay Area Project

### Introduction

The San Francisco Bay Area is the fourth largest metropolitan area in the country, with a current population of 7.4 million people. The region, made up of nine counties (Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, and Sonoma), is diverse in every way – from its people to its economy to its environment. A significant proportion of the region's communities, job centers and transportation infrastructure, among other critical assets, are located along the San Francisco Bay shoreline with some locations at the risk of flooding today and others at risk of future flooding due to the changing climate.

This project will increase the safety and sustainability of the Bay Area's transportation system and its communities to current and future flooding, with a focus on the most vulnerable and disadvantaged communities. The project will conduct a regional vulnerability assessment and develop a suite of adaptation strategies for transportation, housing, natural areas and community members. The findings and strategies developed will be included in Plan Bay Area as well as other local and regional planning documents.

### Project Overview

The Metropolitan Transportation Commission (MTC) partnered with the Bay Conservation and Development Commission's Adapting to Rising Tides (ART) Program and the Bay Area Regional Collaborative (BARC) to write a proposal for a Caltrans Sustainable Transportation Planning Grant and was awarded \$800,000 to develop a regional adaptation planning process aimed at increasing the resilience of the region's transportation and community assets. The Bay Area Toll Authority (BATA) is contributing \$400,000 in matching funds, resulting in a \$1.2 million grant for this work, which will be conducted over the next two and a half years, from the spring of 2017 to the winter of 2019.

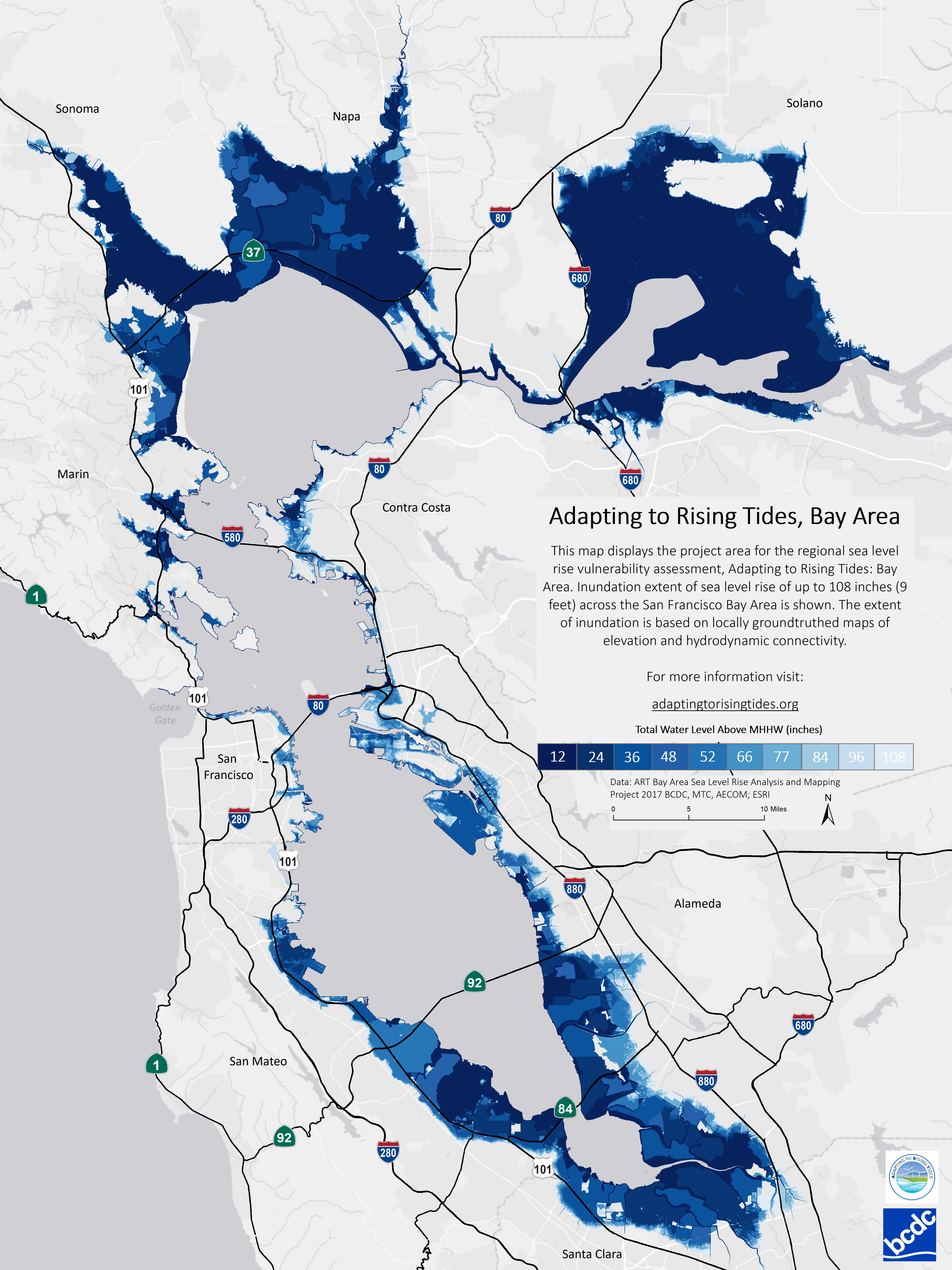


### Sectors and Assets Included

- Transportation System
- Priority Development Areas
- Priority Conservation Areas
- Vulnerable and Disadvantaged Communities







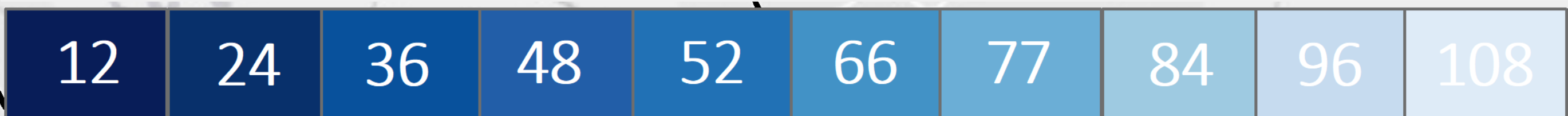
## Adapting to Rising Tides, Bay Area

This map displays the project area for the regional sea level rise vulnerability assessment, Adapting to Rising Tides: Bay Area. Inundation extent of sea level rise of up to 108 inches (9 feet) across the San Francisco Bay Area is shown. The extent of inundation is based on locally groundtruthed maps of elevation and hydrodynamic connectivity.

For more information visit:

[adaptingtorisingtides.org](http://adaptingtorisingtides.org)

Total Water Level Above MHHW (inches)



Data: ART Bay Area Sea Level Rise Analysis and Mapping Project 2017 BCDC, MTC, AECOM; ESRI

0 5 10 Miles

